

### ***Reasons For Allowance***

1. The following is an examiner's statement of reasons for allowance:

Claims 1, 3, 7-12, 17-21 and 26-31 are allowed because the prior art made of record does not teach or suggest a method/system/computer-program-product of modeling for use with an integrated circuit design in the manner as recited in the claims.

2. With respect to claims 1, 3, 7-12, 17-21 and 26-31, the prior art fails to teach the combination of steps in claims 1, 12, 21 and 30 including the following particular steps as recited in claims 1, 12, 21 and 30:

partitioning the edge based on a core element for each vertex of the core Voronoi diagram, the core element being one of a largest possible core element and a smallest possible core element; and

wherein in the case that the core element is the largest possible core element, the intervals are as large as possible, and wherein in the case that the core element is the smallest possible core element, the intervals are as small as possible.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SUCHIN PARIHAR whose telephone number is (571)272-6210. The examiner can normally be reached on Mon-Fri, 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Chiang can be reached on 571-272-7483. The fax phone number for

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the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Paul Dinh/  
Primary Examiner, Art Unit 2825

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